

Rabbit FMO2 Polyclonal Antibody | anti-FMO2 antibody

FMO2 Antibody

CATALOG # AAA225477	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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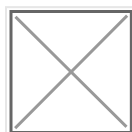
PRODUCT SYNONYMS

FMO2; Polyclonal Antibody; FMO2 Antibody; Affinity Purified Rabbit Polyclonal FMO2 Antibody; Polyclonal FMO2 antibody; Anti-FMO2 antibody; dimethylaniline monooxygenase [N-oxide-forming] 2 antibody; FMO-2 antibody; FMO pulmonary antibody; FMO 2; FMO2 antibody; FMO1B1 antibody; FMO-2; FLJ40826 antibody; FMO 1B1 antibody; pulmonary flavin-containing monooxygenase 2 antibody; FMO 2 antibody; anti-FMO2 antibody

PRODUCT SPECIFICATIONS

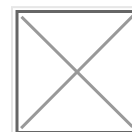
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	471
Applicable Applications for anti-FMO2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 10% SDS PAGE gel and FMO2 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded A549 xenograft using FMO2 antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-FMO2 antibody

The flavin-containing monooxygenases are NADPH-dependent enzymes that catalyze the oxidation of many drugs and xenobiotics. In most mammals, there is a flavin-containing monooxygenase that catalyzes the N-oxidation of some primary alkylamines through an N-hydroxylamine intermediate. However, in humans, this enzyme is truncated and is probably rapidly degraded. The protein encoded by this gene represents the truncated form and apparently has no catalytic activity. A functional allele found in African Americans has been reported, but no sequence evidence has been deposited to support the finding. This gene is found in a cluster with the FMO1, FMO3, and FMO4 genes on chromosome 1.

Product Categories/Family for anti-FMO2 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	1834493
NCBI GeneID	2327
Molecular Weight	54 kDa
NCBI Official Full Name	flavin-containing monooxygenase 2
NCBI Official Synonym Full Names	flavin containing dimethylaniline monooxygenase 2
NCBI Official Symbol	FMO2
NCBI Official Synonym Symbols	FMO1B1
NCBI Protein Information	dimethylaniline monooxygenase [N-oxide-forming] 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fmo2-antibody-western-blot-immunohistochemistry-elisa/225477>